

Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
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EFS ID: 12881  
Application ID: 09682988  
Title of Invention: METHOD AND SYSTEM OF  
RESTRICTED SUBSTANCE  
MANAGEMENT AND RECYCLING  
First Named Inventor: Bernd Gottselig  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2001-11-05  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: 200-0798 DBK  
Digital Certificate Holder: cn=Damian Porcari, ou=Registered Attorneys, ou=Patent and Trademark  
Office, ou=Department of Commerce, o=U.S. Government, c=US  
Certificate Message Digest: QVjoeuSATLH3goYVDfFSRA==  
Total Fees Authorized: \$780.0  
Payment Category: DA - Deposit Account  
Deposit Account Number: 61510  
Deposit Account Name: Sheri L. Charles



09682988

# TRANSMITTAL FORM



Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket Number: 200-0798 DBK

## METHOD AND SYSTEM OF RESTRICTED SUBSTANCE MANAGEMENT AND RECYCLING

First Named Inventor: Bernd Gottselig Dr.

### SUBMITTED BY

Organization Name:

Ford Motor Company

Name:

Sheri Lynn Charles Electronic Application  
Specialist

Electronic Signature Mark: /slc

Date Signed: 20011105

*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.*

*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

declaration	declaration1 of3.tif
declaration	declaration2of3.tif
declaration	declaration3of3.tif
declaration	art.tif
declaration	consent.tif
bibd-transmittal	200-0798apds.xml
patent-assignments	200-0798asgn.xml
specification	specification.xml

APP\_ID=09682988

fee-transmittal

200-0798fee.xml

**Attached Image File(s):**

declaration1of3.tif

declaration2of3.tif

declaration3of3.tif

art.tif

consent.tif

09682988-1001

**Comments:**

Sociodemographic Data		Health Status		Healthcare Utilization		Healthcare Costs		Healthcare Access		Healthcare Quality	
Variable	Value	Variable	Value	Variable	Value	Variable	Value	Variable	Value	Variable	Value
Age (years)	65.2	Chronic Disease	45.3	Physician Visits (per year)	12.5	Outpatient Costs (\$)	1,234.5	Insurance Type	Medicare	Access Score	Quality Score
Gender	Male	Acute Care	32.1	Hospitalizations (per year)	2.3	Inpatient Costs (\$)	5,678.9	Primary Care	Primary Care	Access Score	Quality Score
Ethnicity	White	Emergency Dept	18.7	ICU Admissions (per year)	0.5	ICU Costs (\$)	12,345.6	Specialty Care	Specialty Care	Access Score	Quality Score
Education	High School	Long-term Care	10.4	Transfers (per year)	1.2	Transfers Costs (\$)	3,456.7	Home Care	Home Care	Access Score	Quality Score
Income	\$15,000	Rehabilitation	8.9	Discharge Planning	0.8	Discharge Planning Costs (\$)	2,345.6	Telemedicine	Telemedicine	Access Score	Quality Score
Marital Status	Married	Skilled Nursing	7.6	Post-discharge Support	0.6	Post-discharge Support Costs (\$)	1,234.5	Remote Monitoring	Remote Monitoring	Access Score	Quality Score
Living Arrangement	Alone	Assisted Living	6.5	Follow-up Care	0.4	Follow-up Care Costs (\$)	987.6	Patient Education	Patient Education	Access Score	Quality Score
Employment	Retired	Memory Care	5.4	Healthcare Satisfaction	4.2	Healthcare Satisfaction Score	4.2	Healthcare Satisfaction	Healthcare Satisfaction	Access Score	Quality Score
Health Insurance	Medicare	Other Long-term Care	4.3	Healthcare Access	3.8	Healthcare Access Score	3.8	Healthcare Access	Healthcare Access	Access Score	Quality Score
Health Status	Good	Other Acute Care	3.2	Healthcare Quality	3.5	Healthcare Quality Score	3.5	Healthcare Quality	Healthcare Quality	Access Score	Quality Score
Healthcare Utilization	Low	Other Emergency Dept	2.1	Healthcare Costs	2.9	Healthcare Costs Score	2.9	Healthcare Costs	Healthcare Costs	Access Score	Quality Score
Healthcare Costs	Low	Other Hospitalizations	1.5	Healthcare Access	2.5	Healthcare Access Score	2.5	Healthcare Access	Healthcare Access	Access Score	Quality Score
Healthcare Access	Low	Other ICU Admissions	0.8	Healthcare Quality	2.2	Healthcare Quality Score	2.2	Healthcare Quality	Healthcare Quality	Access Score	Quality Score
Healthcare Quality	Low	Other Transfers	0.6	Healthcare Costs	1.8	Healthcare Costs Score	1.8	Healthcare Costs	Healthcare Costs	Access Score	Quality Score
Healthcare Access	Low	Other Discharge Planning	0.4	Healthcare Access	1.5	Healthcare Access Score	1.5	Healthcare Access	Healthcare Access	Access Score	Quality Score
Healthcare Quality	Low	Other Post-discharge Support	0.3	Healthcare Quality	1.2	Healthcare Quality Score	1.2	Healthcare Quality	Healthcare Quality	Access Score	Quality Score
Healthcare Costs	Low	Other Follow-up Care	0.2	Healthcare Costs	1.0	Healthcare Costs Score	1.0	Healthcare Costs	Healthcare Costs	Access Score	Quality Score
Healthcare Access	Low	Other Healthcare Satisfaction	0.1	Healthcare Access	0.8	Healthcare Access Score	0.8	Healthcare Access	Healthcare Access	Access Score	Quality Score
Healthcare Quality	Low	Other Healthcare Access	0.0	Healthcare Quality	0.6	Healthcare Quality Score	0.6	Healthcare Quality	Healthcare Quality	Access Score	Quality Score
Healthcare Costs	Low	Other Healthcare Costs	0.0	Healthcare Costs	0.5	Healthcare Costs Score	0.5	Healthcare Costs	Healthcare Costs	Access Score	Quality Score
Healthcare Access	Low	Other Healthcare Access	0.0	Healthcare Access	0.4	Healthcare Access Score	0.4	Healthcare Access	Healthcare Access	Access Score	Quality Score
Healthcare Quality	Low	Other Healthcare Quality	0.0	Healthcare Quality	0.3	Healthcare Quality Score	0.3	Healthcare Quality	Healthcare Quality	Access Score	Quality Score
Healthcare Costs	Low	Other Healthcare Costs	0.0	Healthcare Costs	0.2	Healthcare Costs Score	0.2	Healthcare Costs	Healthcare Costs	Access Score	Quality Score
Healthcare Access	Low	Other Healthcare Access	0.0	Healthcare Access	0.1	Healthcare Access Score	0.1	Healthcare Access	Healthcare Access	Access Score	Quality Score
Healthcare Quality	Low	Other Healthcare Quality	0.0	Healthcare Quality	0.0	Healthcare Quality Score	0.0	Healthcare Quality	Healthcare Quality	Access Score	Quality Score

09682988

<b>DECLARATION AND POWER OF ATTORNEY - ORIGINAL APPLICATION</b>					<b>Attorney's Docket No.</b> <b>200-0798</b>												
<p>As a below named inventor, I hereby declare: My residence, post office address and citizenship are as stated below next to my name;</p> <p>I verily believe I am the original, first and sole inventor or an original, first and joint inventor of the subject matter that is claimed and for which a patent is sought on the invention entitled</p> <p><b>METHOD AND SYSTEM OF RESTRICTED SUBSTANCE MANAGEMENT AND RECYCLING</b></p> <p>the specification of which is attached hereto.</p> <p>I have reviewed and understand the contents of the specification identified above, including the claims.</p> <p>I acknowledge my duty to disclose information of which I am aware that is material to the examination of this application in accordance with Section 1.56(a), Title 37 of the Code of Federal Regulations; and as to application for patents or inventor's certificate on the invention filed in any country foreign to the United States of America, prior to this application by me or my legal representatives or assigns,</p> <p style="margin-left: 40px;"><input checked="" type="checkbox"/> no such applications have been filed, or</p> <p style="margin-left: 40px;"><input type="checkbox"/> such applications have been filed as follows:</p> <p style="margin-left: 40px;"><input type="checkbox"/> I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below</p>																	
<b>COUNTRY</b>	<b>APPLICATION NO.</b>	<b>DATE OF FILING</b> (month, day, year)	<b>DATE OF ISSUE</b> (month, day, year)	<b>PRIORITY CLAIMED UNDER 35 USC 119</b>	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.												
<p>I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.</p> <table style="width: 100%; border: none;"><tr><td style="border-bottom: 1px solid black; width: 33%;"></td><td style="border-bottom: 1px solid black; width: 33%;"></td><td style="border-bottom: 1px solid black; width: 33%;"></td></tr><tr><td style="text-align: center; font-size: small;">(Application Number)</td><td style="text-align: center; font-size: small;">(Filing Date)</td><td style="text-align: center; font-size: small;">(Status - patented, pending, abandoned)</td></tr><tr><td style="border-bottom: 1px solid black;"></td><td style="border-bottom: 1px solid black;"></td><td style="border-bottom: 1px solid black;"></td></tr><tr><td style="text-align: center; font-size: small;">(Application Number)</td><td style="text-align: center; font-size: small;">(Filing Date)</td><td style="text-align: center; font-size: small;">(Status - patented, pending, abandoned)</td></tr></table> <p><b>POWER OF ATTORNEY:</b> - I/we hereby appoint the following Practitioners: Customer No. 022844, Daniel H. Bliss - 32,398 as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office and all foreign Patent Offices.</p>									(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)				(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)
(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)															
(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)															

Address all correspondence and telephone calls to:

Daniel H. Bliss  
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2075 West Blg Beaver Road Suite 600  
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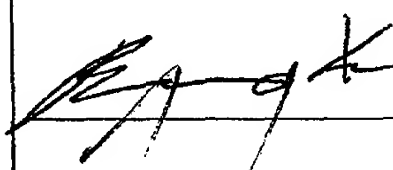
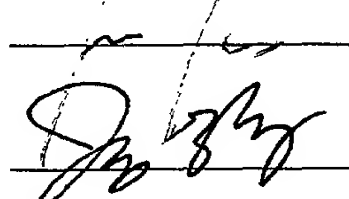
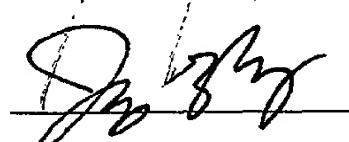
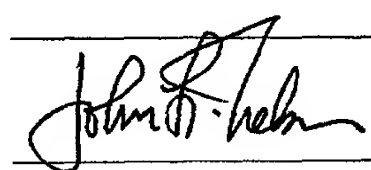
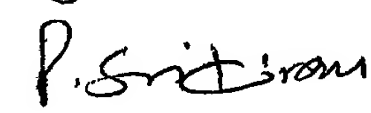
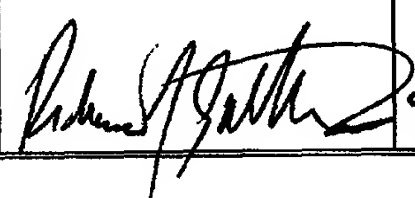
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

NAME AND MAILING ADDRESS OF INVENTOR:	RESIDENCE	CITIZENSHIP	SIGNATURE	DATE
Bernd Gottselg Dr Friedrich-Rosengarth-Str. 3 51429 Bergisch Gladbach	51429 Bergisch Gladbach Germany	Germany	<i>[Signature]</i>	09/19/01
Bing Chang Xu 1729 Golf Ridge Dr. South Bloomfield MI 48302 US	Bloomfield MI 48302 US	U.S.A		
Frank Kovacic 1840 Hebert Street Tecumseh, Ontario Canada N8N 4G4	Tecumseh, Ontario Canada N8N 4G4	Canada		
Holly Zhang 17636 Rolling Woods Circle Northville, MI 48167 US	Northville, MI 48167 US	China		
John Lincoln Nelson 11998 East Shore Drive Whitmore Lake, MI 48189 US	Whitmore Lake, MI 48189 US	U.S.A		
Pratapa SriKiran 650 Tobin Dr., Apt #5 Inkster, MI 48141 IN	Inkster, MI 48141 IN	U.S.A		
Richard J. Gilbert 2477 Bunker Hill Ann Arbor, MI 48105 US	Ann Arbor, MI 48105 US	U.S.A		

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Daniel H. Bliss  
Bliss McGlynn P.C.  
2075 West Big Beaver Road Suite 600  
Troy, MI 48084 Phone: 248 - 649-6090

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

NAME AND MAILING ADDRESS OF INVENTOR:	RESIDENCE	CITIZENSHIP	SIGNATURE	DATE
Bernd Gottselig Dr Friedrich-Rosengarth-Str. 3 51429 Bergisch Gladbach	51429 Bergisch Gladbach Germany	Germany		
Bing Chang Xu 1729 Golf Ridge Dr. South Bloomfield MI 48302 US	Bloomfield MI 48302 US	U.S.A		09/11/01
Frank Kovacic 1840 Hebert Street Tecumseh, Ontario Canada N8N 4G4	Tecumseh, Ontario Canada N8N 4G4	Canada		09/28/01
Holly Zhang 17636 Rolling Woods Circle Northville, MI 48167 US	Northville, MI 48167 US	China		10/1/01
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Richard J. Gilbert 2477 Bunker Hill Ann Arbor, MI 48105 US	Ann Arbor, MI 48105 US	U.S.A		09/28/01

<b>Docket Number (Optional)</b> <b>200-0798</b>	<b>Application Number</b>
<b>Applicant(s)</b> <b>Bernd Gottselig et al.</b>	
<b>Filing Date</b> <b>Concurrently Herewith</b>	<b>Group Art Unit</b>

[illegible][illegible]


**DATE CONSIDERED**

Page 7 of 8



PATENT APPLICATION

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D. C. 20231

Case Docket No. **200-0798**  
Date: October 30, 2001

Sir:

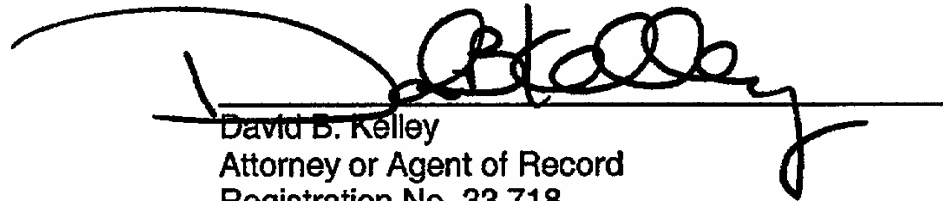
Inventor(s):

**Richard Gilbert**  
**Pratapa Srikan**  
**John Nelson**  
**Holly Zhang**  
**Frank Kovacic**  
**Bing Xu**  
**Bernd Gottselig Dr**

For: **METHOD AND SYSTEM OF RESTRICTED SUBSTANCE MANAGEMENT AND RECYCLING**

The attorney or agent below has reviewed this application and its attachments and consents to electronic filing by the assignee.

Respectfully submitted:



David B. Kelley  
Attorney or Agent of Record  
Registration No. 33,718  
Ford Global Technologies, Inc.  
One Parklane Blvd.,  
600 Parklane Towers East  
Dearborn, MI 48126  
Telephone: 1-313-8455487

# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 780**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 06-1510



Deposit Account Name: Ford Global Technologies, Inc.

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

## SUBMITTED BY

Authorized Name: Sheri L. Charles

Electronic Signature Mark: /slc

Date Signed: 20011105

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 18	103	\$ 18	0	\$ 0
Independent Claims: 3	102	\$ 84	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0

ADDITIONAL FEES

Fee Description	Fee Code	Fee Paid	Quantity	Number
Recording Each Patent Assignment Per Property Fee	581	\$ 40	1	00000000

Subtotal For Additional Fees: \$ 40

09682988-110501